



IRW

Docket No.: 004956.P002D ✓

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:

Mark S. Knighton, et al.

Application No.: 10/664,232

Filed: September 17, 2003

For: **DIGITIZER USING INTENSITY  
GRADIENT TO IMAGE FEATURES  
OF THREE-DIMENSIONAL OBJECTS**

Art Group: 2877

Examiner: Vincent P. Barth

AMENDMENT AND RESPONSE TO OFFICE ACTION

Mail Stop Amendment  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

In response to the Office Action mailed July 23, 2004, Applicants amend the application as follows:

### **IN THE SPECIFICATION**

Please amend the title of the patent application as follows:

THREE DIMENSIONAL DIGITIZER USING MULTIPLE METHODS INTENSITY  
GRADIENT TO IMAGE FEATURES OF THREE DIMENSIONAL OBJECTS

### **IN THE ABSTRACT**

Please replace the Abstract with the following:

A method and apparatus capable of using two or more capture methods to  
create three-dimensional representations of a target captured. Elements of the three-  
dimensional digital representation generated from the plural capture method are  
combined to yield a single digital three-dimensional representation having improved  
quality.